

ABSTRACT

Systems, methods, and computer program products for providing wireless network access are disclosed. A wireless network access device comprises at least one local communication network interface and a plurality of wireless network interfaces. Requests for resources are received over the local communication network interface, processed by the processor, and distributed among two or more of the plurality of wireless network interfaces. Algorithms for determining a number of wireless network interfaces and for selecting particular wireless network interfaces are disclosed. Received resources may be stored in a cache memory, and may be used to respond to subsequent requests for the same resource.